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Dated: 1-19-07

Signature: Maura A. Gallagher  
(Maura A. Gallagher)

Docket No.: BBNT-P01-015  
(PATENT)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Here Patent Application of:  
Pearson et al.

Application No.: 10/799,177

Confirmation No.: 8150

Filed: March 12, 2004

Art Unit: 2661

For: SYSTEMS AND METHODS FOR  
IMPLEMENTING ROUTING PROTOCOLS  
AND ALGORITHMS FOR QUANTUM  
CRYPTOGRAPHIC KEY TRANSPORT

Examiner: Not Yet Assigned

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT (IDS)**

MS Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 CFR 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO/SB/08. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Supplemental Information Disclosure Statement is filed before the mailing date of a first Office Action on the merits as far as is known to the undersigned (37 CFR 1.97(b)(3)).

In accordance with 37 CFR 1.98(a)(2)(ii), Applicant has not submitted copies of U.S. patents and U.S. patent applications. Applicant submits herewith a copy of non-patent literature in accordance with 37 CFR 1.98(a)(2).

In accordance with 37 CFR 1.97(g), the filing of this Supplemental Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 CFR 1.56(a) exists. In accordance with 37 CFR 1.97(h), the filing of this Supplemental Information Disclosure Statement shall not be construed to be an admission that any patent, publication or other information referred to therein is "prior art" for this invention unless specifically designated as such.

It is submitted that the Supplemental Information Disclosure Statement is in compliance with 37 CFR 1.98 and the Examiner is respectfully requested to consider the listed references.

The Director is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Deposit Account No. 18-1945, under Order No. BBNT-P01-015.

Dated: January 11, 2007

Respectfully submitted,

By 

Edward A. Gordon, Esq.

Registration No.: 54,130

FISH & NEAVE IP GROUP, ROPES & GRAY  
LLP

One International Place  
Boston, Massachusetts 02110-2624  
(617) 951-7000  
(617) 951-7050 (Fax)  
Attorneys/Agents For Applicant



PTO/SB/08a/b (07-06)

Approved for use through 09/30/2006. OMB 0651-0031

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<b>Substitute for form 1449A/B/PTO</b>  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)				<b>Complete if Known</b>	
				Application Number	10/799,177
				Filing Date	March 12, 2004
				First Named Inventor	David S. Pearson
				Art Unit	2661
				Examiner Name	Not Yet Assigned
Sheet	1	of	1	Attorney Docket Number	BBNT-P01-015

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
	AA	US-20020097874-A1	07-25-2002	Foden et al.	
	AB	US-20030002674-A1	01-02-2003	Nambu et al.	
	AC	US-20040019676-A1	01-29-2004	Iwatsuki et al.	
	AD	US-5,058,973	10-22-1991	Refregier et al.	
	AE	US-5,400,325	03-21-1995	Chatwani et al.	
	AF	US-6,532,543	03/2003	Smith et al.	
	AG	US-6,605,822	08-12-2003	Blais et al.	
	AH	US-6,646,727-A1	11-11-2003	Saleh et al.	
	AI	US-6,728,281	04-27-2004	Santori et al.	
	AJ	US-6,748,434	06/2004	Kavanagh, Alan	
	AK	US-6,862,564	03/2005	Shue et al.	
	AL	US-6,882,431-A1	04-19-2005	Teich et al.	
	AM	US-6,897,434	05-24-2005	Kumar et al.	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>3</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. \* CITE NO.: Those application(s) which are marked with an single asterisk (\*) next to the Cite No. are not supplied (under 37 CFR 1.98(a)(2)(iii)) because that application was filed after June 30, 2003 or is available in the IFW. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	CA	Imamoglu, A., et al., "Turnstile Device for Heralded Single Photons: Coulomb Blockade of Electron and Hole Tunneling in Quantum Confined p-i-n Heterojunctions," Physical Review Letters, 72(2):210-213 (1994).	

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>Applicant is to place a check mark here if English language Translation is attached.

Examiner Signature		Date Considered	
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